



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB 92700-10310-041-4

Job Sheet 198411



Part No: RB 92700-10310-041-4

Job Qty: 2 pcs

DAS

21

Part Name: Special Bolt

6 pcs 9-89



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/26/19

Job Tracking No:

Created By: Jennifer Renwick

Due Date: 9/20/19

Description: Order 18107

Type: SOLD

Note: DWG RB 92700-10310-041 Rev E IPP Rev. A 19.07.26 New Issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	SL-154 - 1	2 pcs	9/20/19	9/20/19	1.00	0.40	SL-154 - 1		JB 19-09-07
110	QC 2	2 pcs	9/20/19	9/20/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		JB 19-09-07
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaero.com



Container No: S212063

Part: RB 92700 - 10310 - 041 - 4

Job No: 198411

Serial No/Batch: S212063

Revision: A

Inspector:

Exn Date:

DAS
62
9-89

DAS
62
9-89

120 QC 8	2 pcs	9/20/19	0.00 0.00	QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	J.C. 10-09-09
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
130 Outsource - 12 - Black Oxide	2 pcs	9/20/19		GRO002-VC	JH 201909-09
140 Packaging 2-1 - Receive - B4B	2 pcs	9/20/19	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	DP SEP 18 2019
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
150 QC 6	2 pcs	9/20/19	0.00 0.00	QC 6 - 9	
				QC 6 - 68	

160 Packaging 3-1 - Stock - B4B 2 pcs	9/20/19	0.00 0.00	QC 6 - 61	DAS	SEP 19 2019
			QC 6 - 40	81	
			QC 6 - 81	9-89	
			Packaging 3 - 1 - B4B		
			Packaging 3 - 2 - B4B		
			Packaging 3 - 3 - B4B		
			Packaging 3 - 4 - B4B		
			Packaging 3 - 5 - B4B		
			Packaging 3 - 6 - B4B	DAS	
			Packaging 3 - 7 - B4B	28	
			Packaging 3 - 8 - B4B	9-89	
			Packaging 3 - 9 - B4B		
			Packaging 3 - 10 - B4B		
			Packaging 3 - 11 - B4B		
			Packaging 3 - 12 - B4B		
			Packaging 3 - 13 - B4B		
			Packaging 3 - 14 - B4B		
			Packaging 3 - 15 - B4B		
			Packaging 3 - 16 - B4B		
			Packaging 3 - 17 - B4B		
			Packaging 3 - 18 - B4B		
			Packaging 3 - 19 - B4B		
			Packaging 3 - 20 - B4B		
			Packaging 3 - 21 - B4B		
			Packaging 3 - 22 - B4B		
			Packaging 3 - 23 - B4B		
			Packaging 3 - 24 - B4B		
			Packaging 3 - 25 - B4B		
			Packaging 3 - 26 - B4B		
170 QC 21 - SA 2 pcs	9/20/19	0.00 0.00	QC 21 - SA - 21	DAS	SEP 20 2019
			QC 21 - SA - 70	21	
			QC 21 - SA - 53	9-89	

Part Op 100 - 1-Machine as per folio FC 944 FOLIO REV: AA DWG REV: A 2-Debur
 Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB
 120 - QC8- Inspect parts - second check
 130 - Issue P/O; 44450 -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required
 140 - (Receive & Inspect for Damage & Mat'l Certs) Certificate of Conformity is required
 150 - QC6- All purchased or subcontracted products
 160 - Identify as per dwg & Stock Location: _____
 170 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140QT-R0.875	AISI 4140 Quenched & Tempered Steel Round Bar 0.875" Dia.	.5800 ft (.29 ea)	100-SL-154 - 1	5128382 5124464

Job Allocations

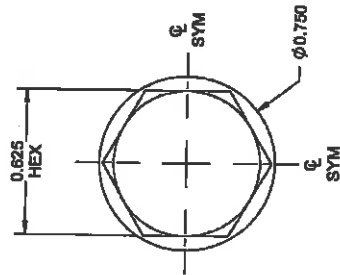
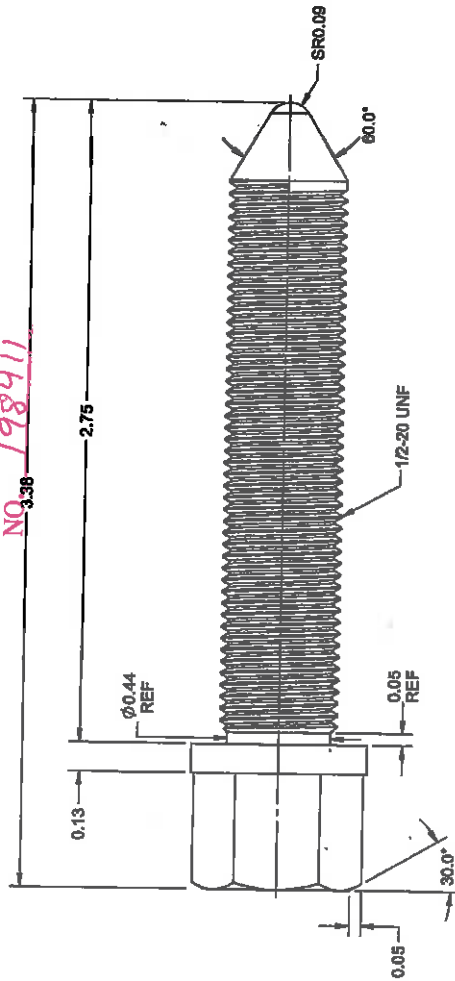
Operation	Component Part	Required	Inventory	Allocated
100-SL-154 - 1	MT-4140QT-R0.875	1	29	0

Part Specifications

Specifications could not be found.

Plex 7/26/19 3:35 PM Dart.Renwick.Jennifer

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO 198411



RB 92700-10310-041-4 SPECIAL BOLT

- NOTES:
- 1) MATERIAL: 4140/4142 (28-32 RC)
 - 2) HEAT TREAT: N/A
 - 3) FINISH: BLACK OXIDE PER MIL-C-13824 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81300 TYPE III OR MIL-C-23411A OR MIL-PRF-81300 AND WIPE OFF EXCESS
 - 4) TOLERANCES: XX = ± 0.1 / ± 0.1
 X.XX = ± 0.01 / ± 0.5
 X.XXX = ± 0.005 / ± 0.1
 X.XXXX = ± 0.0005 / ± 0.05
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = ± 0.005
 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 6) BREAK SHARP EDGES: 0.005" TO 0.010"
 7) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD
DRAWN	KPT	HAWKESSBURY, ONTARIO, CANADA
CHECKED	VM	TOOL PART #
MFG. APPR.	PK	RB 92700-10310-041
APPROVED	VP	REV. A
DATE	9/19/2018	SHEET 6 OF 9
		TITLE
		FLANGE PULLER
		SCALE
		NTS

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RB 92700-10310-041

DAS 62

Rev	Date	Change	Revised by	Approved
B	14.07.31	New Issue	KJ	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044450



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044450

PO Date: 9/9/19

Due Date: 9/17/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-09-10

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	198303	RBW6521A00138-W142N-3T	Oil Seal Assembly Support Tool (Outside Processing - Black Oxide) -Issue P/O to GROUPE ALTECH; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed	-	9/17/19	6 pcs	0 pcs	6 pcs	\$7.10/pcs	\$42.60
<i>Handwritten notes:</i> X6, SEP 18 2019, SZ10718, DP											



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PURCHASE ORDER

POHB044450



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
2	197651	RB6795590-3B	FINGER, BEARING PULLER; GAS PRODUCER TURBINE, POWER TURBINE & COMPRESSOR -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; O1 -Certificate of Conformity is required	Firmed	-	9/17/19	29 pcs	0 pcs	29 pcs	\$1.95/pcs	\$56.55
X29 SEP 18 2019 DP S197710											
3	198411	RB 92700-10310-041-4	Special Bolt -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	9/17/19	6 pcs	0 pcs	6 pcs	\$2.42/pcs	\$14.52
X6 SEP 18 2019 DP S212063											



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PURCHASE ORDER

POHB044450



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	198412	RB 92700-10310-041-2	Shank -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	9/17/19	6 pcs	0 pcs	6 pcs	\$1.91/pcs	\$11.46
Grand Total:											\$125.13

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/10/19 10:04 AM Dart.Guerin.Kimberley

**Certificat de Conformité / Certificate of Compliance**
(022253-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.groupealtech.com

Bon de Livraison / Packing Slip**022253-1**

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No	Bon de commande Client Customer Purchase Order No				
16-Sep-2019		Jigar Patel		POHB044450				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBW6521A00138-W142N-3T Rev.	RBW6521A00138-W142N-3T OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	6	6	0	0	0
2	RB6795590-3B Rev.	RB6795590-3B OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	29	29	0	0	0
3	RB 92700-10310-041-4 Rev.	RB 92700-10310-041-4 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	6	6	0	0	0
4	RB 92700-10310-041-2 Rev.	RB 92700-10310-041-2 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	6	6	0	0	0

RECEIVED
SEP 17 2019
DART AIRSPACE LTD.

Notes Additionnelles / Additional Notes

2 BOXES
2 PALFAYES

Epaisseur réelle
Actual ThicknessInspecteur Qualité
Quality InspectorRéçu par
Received By

J. J. J.

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been processed in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.

Amal